

MOVING COIL TYPE PLANAR MOTOR CONTROL

Abstract

A control system for a moving coil type planar motor is disclosed that
5 operates with a commutation circuit requiring a decreased number of amplifiers as
compared to moving magnet type planar motors. The control system permits positioning
with three degrees of freedom. Motor force and torque ripple during translational forces
and yaw torque is minimized by the control system.

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